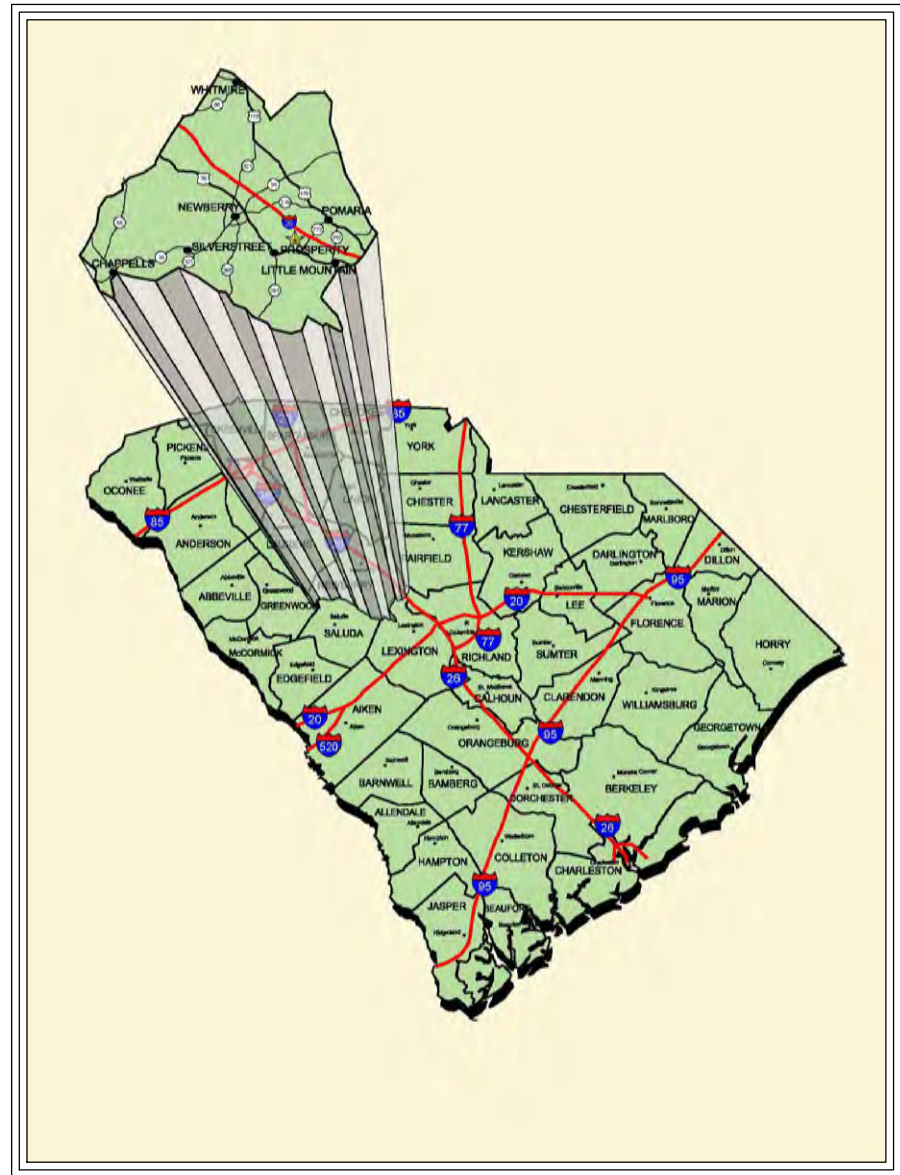
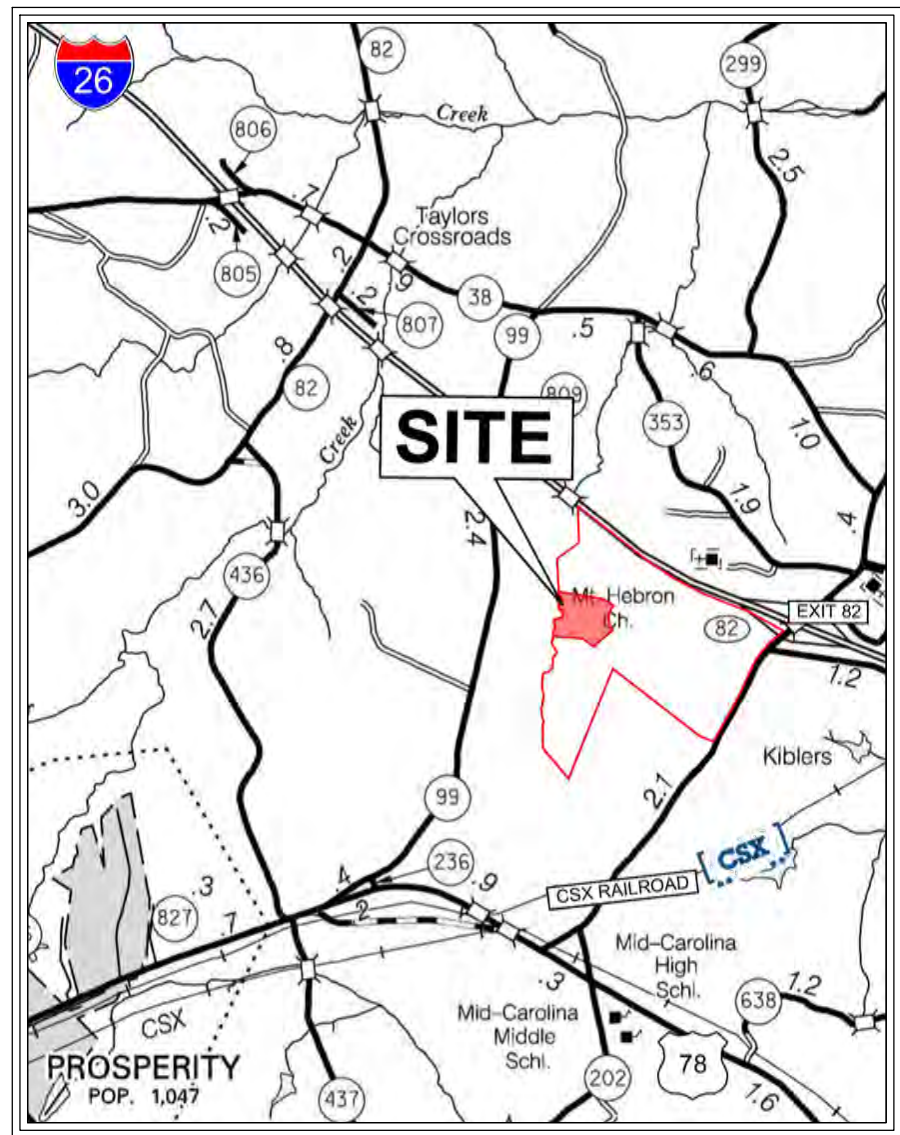




VICINITY MAP
NOT TO SCALE



SITE LOCATION MAP
SCALE: 1" = 5,000'

± 300,000-SF BUILDING PAD
± 36-ACRE PARCEL 6
± 463-ACRE MID-CAROLINA COMMERCE PARK
IN UNINCORPORATED
NEWBERRY COUNTY, SOUTH CAROLINA



Newberry County
Economic Development
S O U T H C A R O L I N A

SHEET INDEX

SHEET

COVER SHEET
OVERALL SITE MAP
EXISTING CONDITIONS AND GENERAL NOTES
CLEARING, GRUBBING, AND DEMOLITION PLAN
GRADING AND STORM DRAINAGE PLAN
PHASE I EROSION AND SEDIMENT CONTROL PLAN
PHASE II EROSION AND SEDIMENT CONTROL PLAN
PHASE III EROSION AND SEDIMENT CONTROL PLAN
EROSION & SEDIMENT CONTROL DETAILS (SHEET 1 OF 4)
EROSION & SEDIMENT CONTROL DETAILS (SHEET 2 OF 4)
EROSION & SEDIMENT CONTROL DETAILS (SHEET 3 OF 4)
EROSION & SEDIMENT CONTROL DETAILS (SHEET 4 OF 4)

SHEET NO

C0.0
C1.0
C1.1
C2.0
C3.0
C4.0
C4.1
C4.2
C5.0
C5.1
C5.2
C5.3

UTILITY PROVIDER CONTACTS

WATER AND WASTEWATER PROVIDER:
CONTACT: MR. DANIEL QUATTLEBAUM, MANAGER
NEWBERRY COUNTY WATER & SEWER AUTHORITY
TELEPHONE: (803) 276-7020
FACSIMILE: (803) 276-6461

ELECTRICAL UTILITY PROVIDER:
CONTACT: MR. JASON MERCHANT, MANAGER OF ENGINEERING & OPERATIONS
NEWBERRY ELECTRIC COOPERATIVE, INC.
TELEPHONE: (803) 276-1121
FACSIMILE: (803) 276-4121

NATURAL GAS PROVIDER:
CONTACT: MR. STAN BRYSON, GENERAL MANAGER
CLINTON-NEWBERRY NATURAL GAS AUTHORITY
TELEPHONE: (803) 276-1550
FACSIMILE: (803) 276-9096

TELECOMMUNICATIONS PROVIDER:
CONTACT: MR. IKE BYRD, REGIONAL DIRECTOR EXTERNAL AFFAIRS
AT&T
TELEPHONE: (803) 401-2214
FACSIMILE: (803) 765-2674



CERTIFICATION STATEMENT:
I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS
SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN
OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE
AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS
OF TITLE 48, CHAPTER 14 OF THE CODE OF LAWS OF SC, 1976 AS AMENDED,
PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN
ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000.

NAME: BENJAMIN S. WHALEY, P.E. TITLE: SENIOR PROJECT MANAGER
SIGNATURE: *Benjamin S. Whaley* DATE: 5/1/26

NEWBERRY COUNTY COUNCIL MEMBERS

MR. NICK SHEALY, CHAIRMAN
MR. KARL SEASE, VICE-CHAIRMAN
MR. LEON FULMER JR.
MR. TODD JOHNSON
MR. TRAVIS REEDER
MR. JOHNNY MACK SCURRY
MR. STUART SMITH

DEVELOPER INFORMATION

OWNER: NEWBERRY COUNTY ECONOMIC DEVELOPMENT
CONTACT: MR. RICK FARMER, SCCED, ECONOMIC DEVELOPMENT DIRECTOR
ADDRESS: POST OFFICE BOX 381
CITY, STATE: NEWBERRY, SOUTH CAROLINA 29108
TELEPHONE: (803) 321-2042
FAX: (803) 321-2094
EMAIL: RFARMER@NEWBERRYCOUNTY.NET

ENGINEER INFORMATION

CONTACT: MR. STEVE WHALEY, P.E.
SENIOR PROJECT MANAGER
POST OFFICE BOX 8147
COLUMBIA, SOUTH CAROLINA 29202
TELEPHONE: (803) 779-2078
FAX: (803) 779-2079
EMAIL: SWHALEY@ALLIANCECE.COM

REVISION
DATE

ALLIANCE CONSULTING ENGINEERS, INC.

POST OFFICE BOX 8147
COLUMBIA, SOUTH CAROLINA 29202-8147
PHONE (803) 779-2078
FAX (803) 779-2079
WWW.ALLIANCECE.COM

± 300,000-SF BUILDING PAD
± 36-ACRE PARCEL 6
± 463-ACRE MID-CAROLINA
COMMERCE PARK
IN UNINCORPORATED
NEWBERRY COUNTY,
SOUTH CAROLINA

NEWBERRY COUNTY SOUTH CAROLINA

DATE: 6/15/26

SIGNATURE: *Benjamin S. Whaley*

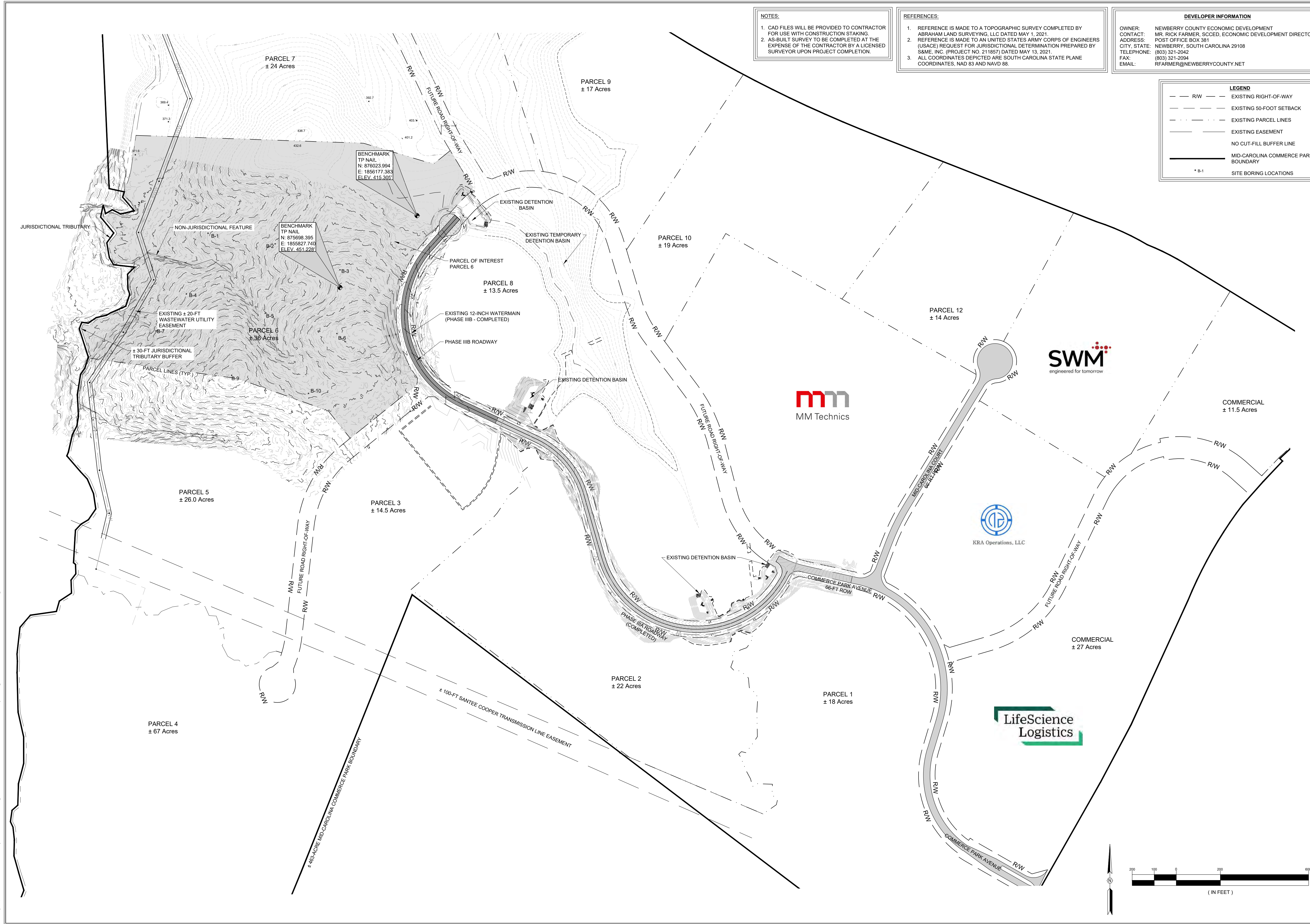
PROJECT

MAY 2026

Project No. 21114-0036

DWG NO. 01.1476-D25

July 21 2026 - 10:45:33 AM S:\Pm\iecte\21114-0036 Bldg Pad Parcel 6 Mid.Carolina Comm Pk Newberry Co\dwn\Construction Plans\ C1 0.1 1 - Ex Cond.dwg

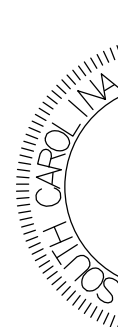


1. CAD FILES WILL BE PROVIDED TO CONTRACTOR FOR USE WITH CONSTRUCTION STAKING.
2. AS-BUILT SURVEY TO BE COMPLETED AT THE EXPENSE OF THE CONTRACTOR BY A LICENSED SURVEYOR UPON PROJECT COMPLETION.

1. REFERENCE IS MADE TO A TOPOGRAPHIC SURVEY COMPLETED BY ABRAHAM LAND SURVEYING, LLC DATED MAY 1, 2021.
2. REFERENCE IS MADE TO AN UNITED STATES ARMY CORPS OF ENGINEERS (USACE) REQUEST FOR JURISDICTIONAL DETERMINATION PREPARED BY S&ME, INC. (PROJECT NO. 211857) DATED MAY 13, 2021.
3. ALL COORDINATES DEPICTED ARE SOUTH CAROLINA STATE PLANE COORDINATES, NAD 83 AND NAVD 88.

OWNER: NEWBERRY COUNTY ECONOMIC DEVELOPMENT
CONTACT: MR. RICK FARMER, SCCED, ECONOMIC DEVELOPMENT DIRECTOR
ADDRESS: POST OFFICE BOX 381
CITY, STATE: NEWBERRY, SOUTH CAROLINA 29108
TELEPHONE: (803) 321-2042
FAX: (803) 321-2094
EMAIL: RFARMER@NEWBERRYCOUNTY.NET

— — — — R/W — — — —	EXISTING RIGHT-OF-WAY
— — — — —	EXISTING 50-FOOT SETBACK
— . . — — . . — —	EXISTING PARCEL LINES
— — — — —	EXISTING EASEMENT
	NO CUT-FILL BUFFER LINE
—————	MID-CAROLINA COMMERCE F BOUNDARY
• B-1	SITE BORING LOCATIONS

                                		REVISION DATE			
APPROVALS	ENGINEER	DESIGNER	TECHNICIAN	CHECKED BY	APPROVED
BSW	JAM	JAM	KMC/DIN	BSW	
			DATE: 11/15/16		
			SIGNATURE: Benjamin S. Maley		



ALLIANCE
CONSULTING ENGINEERS

Alliance Consulting Engineers, Inc.
 Post Office Box 8147 • Columbia, South Carolina 29202-8147
 Phone (803) 779-2078 • Fax (803) 779-2079

OVERALL SITE MAP

DATE: JULY 2021 SCALE: 1" = 200'

PROJECT ± 300,000-SF BUILDING PAD
± 3c-ACRE PARCEL 6
± 463-ACRE MID-CAROLINA
COMMERCE PARK
IN UNINCORPORATED
NEWBERRY COUNTY,
SOUTH CAROLINA

FILE NAME: C1.0.DWG	SHEET <u>C1.0</u>
REFERENCE FILE: BASE.DWG	
PROJECT NO. 21114-0036	
DWG NO. 01,I476-D25	

THIS DOCUMENT IS THE PROPERTY OF ALLIANCE CONSULTING ENGINEERS, INC. IT IS NOT TO BE REPRODUCED, COPIED, OR OTHERWISE USED WITHOUT THE WRITTEN PERMISSION OF ALLIANCE CONSULTING ENGINEERS, INC. THIS DRAWING IS INTENDED SPECIFICALLY FOR THE PROJECT REFERENCED HEREIN AND IS NOT TRANSFERABLE TO ANY OTHER PROJECT.

July 21, 2026 - 10:48:32 AM S:\Projects\21114-0036 Bldg Pad Parcel 6 Mid-Carolina Comm Pk Newberry County\Construction Plans\CI 01.1 - Ex Cond.dwg

LEGEND

— 420 —

EXISTING MAJOR CONTOURS

— 419 —

EXISTING MINOR CONTOURS

— R/W —

EXISTING RIGHT-OF-WAY

EXISTING 50-FOOT SETBACK

EXISTING PARCEL LINES

NO CUT-FILL BUFFER LINE

MID-CAROLINA COMMERCE PARK BOUNDARY

SITE BORING LOCATIONS

° B-1

NOTES:

1. CAD FILES WILL BE PROVIDED TO CONTRACTOR FOR USE WITH CONSTRUCTION STAKING.
2. AS-BUILT SURVEY TO BE COMPLETED AT THE EXPENSE OF THE CONTRACTOR BY A LICENSED SURVEYOR UPON PROJECT COMPLETION.

REFERENCES:

1. REFERENCE IS MADE TO A TOPOGRAPHIC SURVEY COMPLETED BY ABRAHAM LAND SURVEYING, LLC DATED MAY 1, 2021.
2. REFERENCE IS MADE TO AN UNITED STATES ARMY CORPS OF ENGINEERS (USACE) REQUEST FOR JURISDICTIONAL DETERMINATION PREPARED BY S&ME, INC (PROJECT NO. 211857) DATED MAY 13, 2021.
3. ALL COORDINATES DEPICTED ARE SOUTH CAROLINA STATE PLANE COORDINATES, NAD 83 AND NAVD 88.

DEVELOPER INFORMATION

OWNER: NEWBERRY COUNTY ECONOMIC DEVELOPMENT
CONTACT: MR. RICK FARMER, SCDEC, ECONOMIC DEVELOPMENT DIRECTOR
ADDRESS: POST OFFICE BOX 381
CITY, STATE: NEWBERRY, SOUTH CAROLINA 29108
TELEPHONE: (803) 321-2042
FAX: (803) 321-2094
EMAIL: RFARMER@NEWBERRYCOUNTY.NET

STANDARD NOTES

PERMITS / LICENSES

1. PRIOR TO THE COMMENCEMENT OF ANY WORK WITHIN THE PROJECT SITE, THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL POSSESS ALL APPLICABLE PERMITTING AND THE OWNER AND ENGINEER WILL BE GIVEN AT LEAST TWENTY-FOUR (24) HOURS NOTICE BEFORE BEGINNING WORK.

PROCEDURES / RESPONSIBILITIES

1. ALL WETLANDS SIGNAGE TO BE INSTALLED PER THE APPROVED CONSTRUCTION DRAWINGS PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
3. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
 - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
 - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THE PORTION OF THE SITE.
4. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK, IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
5. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
6. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
7. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAYS(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
8. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURES AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C REG. 72-300 ET SEQ. AND SCR100000.
9. TEMPORARY DIVERSION BERMS AND/OR DITCHES SHALL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
10. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN NOT BE MAINTAINED BETWEEN THE DISTURBED AREAS AND ALL WOS. A 30-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
11. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
12. A COPY OF THE OS-SWPPP, INSPECTION RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THE FINAL STABILIZATION IS REACHED.
13. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE BEEN PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
14. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL AND REPLACE WITHIN ALL GRASSSED AND LANDSCAPED AREAS TO A MINIMUM DEPTH OF 6". IF ADDITIONAL TOPSOIL IS REQUIRED TO MEET THE SPECIFICATIONS, THE CONTRACTOR MUST PROVIDE FROM AN OFF-SITE SOURCE.
15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING. WHEEL WASH WATER, AND OTHER WASH WATERS, WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL TO PROVIDE EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
16. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.)
17. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
 - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL.
 - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
 - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
 - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
18. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
19. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
20. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 28.5 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
21. AN AS-BUILT SURVEY(S), SIGNED AND SEALED BY A S.C. LICENSED LAND SURVEYOR OR PROFESSIONAL ENGINEER, SHOULD BE SUBMITTED TO NEWBERRY COUNTY FOR DETENTION STRUCTURE(S) ON THIS SITE. THE SURVEY(S) SHOULD SHOW GRADES, CONTOURS, AND DEPTHS FOR ALL STRUCTURE(S) AND SHOULD INCLUDE THE ELEVATIONS AND DIMENSIONS OF ALL OUTLET STRUCTURES, INCLUDING BUT NOT LIMITED TO PIPES, ORIFICES, RISERS, WEIRS, AND EMERGENCY SPILLWAYS

REVISION DATE

APPROVALS

ENGINEER
DESIGNER
TECHNICAL
CHECKED BY
APPROVED

NEWBERRY COUNTY
SOUTH CAROLINA

DATE: JULY 2021

SCALE: 1" = 100'

PROJECT

FILE NAME:
C1.1.DWG

REFERENCE FILE:
BASE.DWG

PROJECT NO:
21114-0036

DWG NO. 01,I476-D25

SHEET
C1.1

EXISTING CONDITIONS
AND GENERAL NOTES

± 300,000-SF BUILDING PAD
± 36-ACRE PARCEL 6
± 463-ACRE MID-CAROLINA
COMMERCE PARK
IN UNINCORPORATED
NEWBERRY COUNTY,
SOUTH CAROLINA

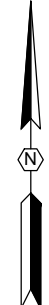
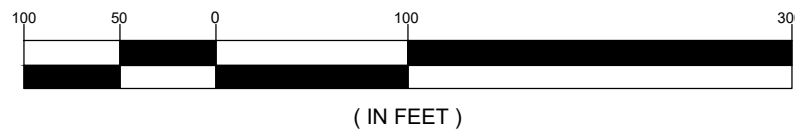
ALLIANCE
CONSULTING ENGINEERS

Post Office Box 8147 Columbia, South Carolina 29202-8147
Phone (803) 779-2078 • Fax (803) 779-2079

SIGNATURE:
Benjamin S. Smith
No. 26589
LICENSED PROFESSIONAL ENGINEER
SOUTH CAROLINA

DATE: 6/15/26

July 20 2026 - 1:21:23 PM S:\Projects\21114-0036 Bldg Pad Parcel 6 Mid-Carolina Comm Pk Newberry Col\dw\Construction Plans\21114-0036 Bldg Pad Parcel 6 Mid-Carolina Comm Pk Newberry Col.dwg



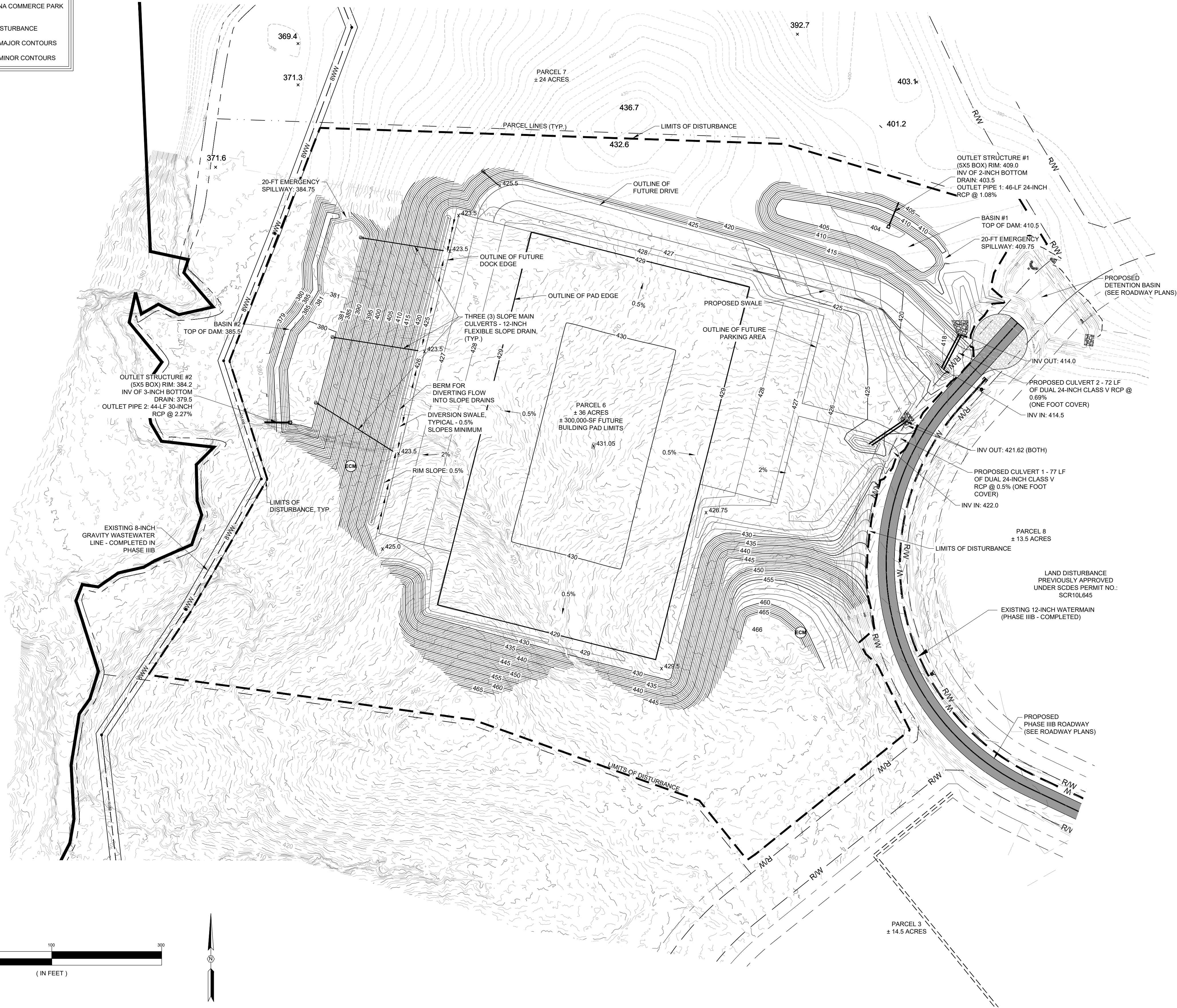
DISTURBED ACREAGE = 23.0 ACRES

CLEARING, GRUBBING, AND DEMOLITION PLAN

SHEET
C2.0

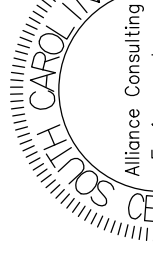
DWG NO. 01,I476-D25

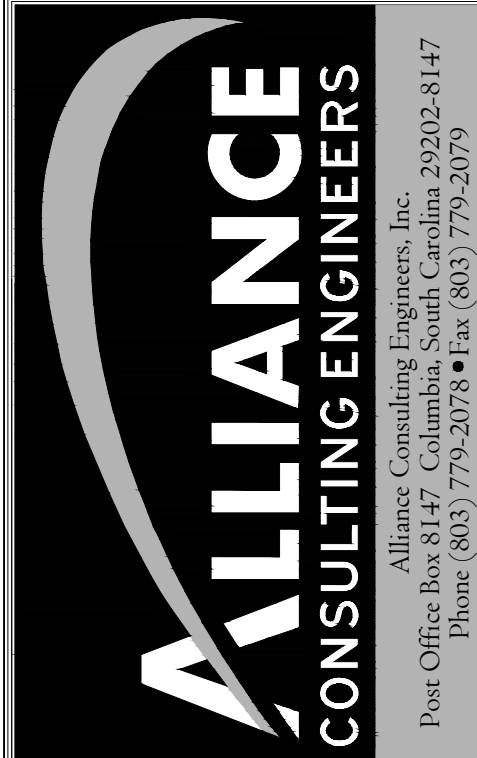
July 08, 2026 - 2:38:46 PM S:\Projects\21114-0036 Bldg Pad Parcel 6 Mid-Carolina Comm Pk Newberry Coldw\Construction Plans\C3.0 - Grading Plan.dwg



DEVELOPER INFORMATION

OWNER: NEWBERRY COUNTY ECONOMIC DEVELOPMENT
CONTACT: MR. RICK FARMER, SCED, ECONOMIC DEVELOPMENT DIRECTOR
ADDRESS: POST OFFICE BOX 381
CITY, STATE: NEWBERRY, SOUTH CAROLINA 29108
TELEPHONE: (803) 321-2042
FAX: (803) 321-2094
EMAIL: RFARMER@NEWBERRYCOUNTY.NET

	DATE: 6/15/6
	SIGNATURE: Benjamin S. Wiley



DATE: JULY 2021 SCALE: 1" = 100'

PROJECT

± 300,000-SF BUILDING PAD
± 36-ACRE PARCEL 6
± 463-ACRE MID-CAROLINA
COMMERCE PARK
IN UNINCORPORATED
NEWBERRY COUNTY,
SOUTH CAROLINA

NEWBERRY COUNTY SOUTH CAROLINA

FILE NAME: C3.0.DWG	SHEET <u>C3.0</u>
REFERENCE FILE: BASE.DWG	
PROJECT NO. 21114-0036	

DWG NO. 01,I476-D25

THIS DOCUMENT IS THE PROPERTY OF ALLIANCE CONSULTING ENGINEERS, INC. IT IS NOT TO BE REPRODUCED, COPIED, OR OTHERWISE USED WITHOUT THE WRITTEN PERMISSION OF ALLIANCE CONSULTING ENGINEERS, INC. THE DRAWING IS INTENDED SPECIFICALLY FOR THE PROJECT REFERENCED HEREIN AND IS NOT TRANSFERABLE TO ANY OTHER PROJECT.

July 20, 2026 - 1:02:29 PM S:\Projects\21114-0036 Bldg Pad Parcel 6 Mid-Carolina Comm Pk Newberry County\Construction Plans\CA.0-4.2 - ESC Plan.dwg

EROSION AND SEDIMENT CONTROL LEGEND

SF

PROPOSED SILT FENCE

TEMPORARY CONSTRUCTION ENTRANCE

RIP RAP OUTLET PROTECTION

PS

PERMANENT SEEDING

ECM

NORTH AMERICAN GREEN SC150 MATTING

CD

PROPOSED ROCK CHECK DAM

DS

TEMPORARY DIVERSION SWALE

LEGEND

420

EXISTING MAJOR CONTOURS

419

EXISTING MINOR CONTOURS

R/W

EXISTING RIGHT-OF-WAY

EXISTING 50-FOOT SETBACK

EXISTING PARCEL LINES

NO CUT-FILL BUFFER LINE

MID-CAROLINA COMMERCE PARK BOUNDARY

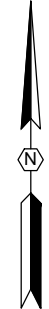
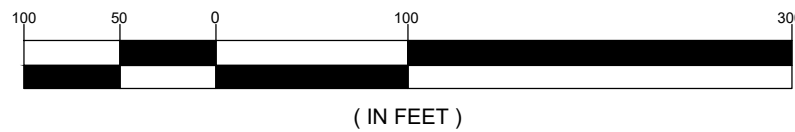
LIMITS OF DISTURBANCE

420

PROPOSED MAJOR CONTOURS

419

PROPOSED MINOR CONTOURS



NOTES:

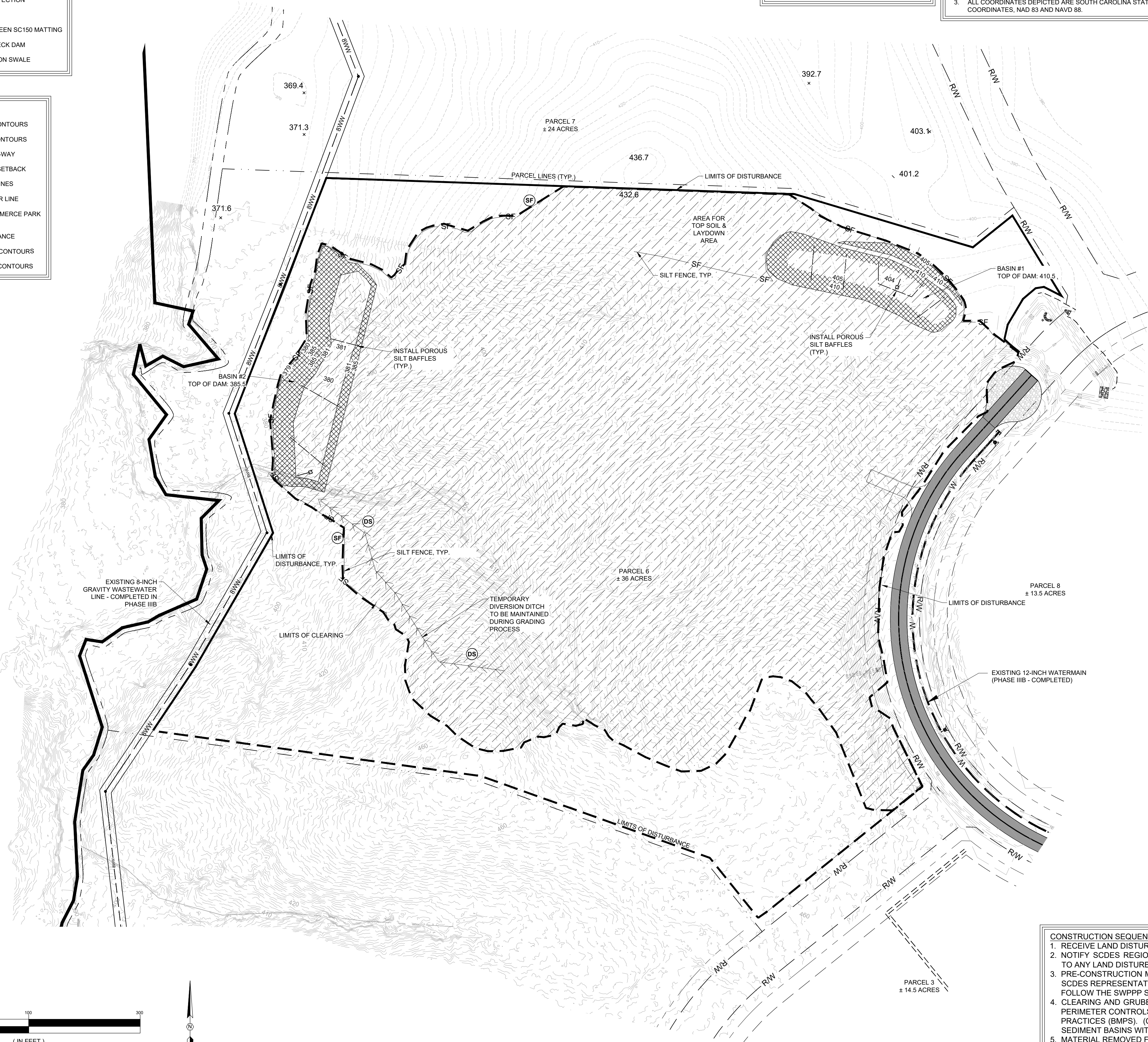
- CAD FILES WILL BE PROVIDED TO CONTRACTOR FOR USE WITH CONSTRUCTION STAKING.
- AS-BUILT SURVEY TO BE COMPLETED AT THE EXPENSE OF THE CONTRACTOR BY A LICENSED SURVEYOR UPON PROJECT COMPLETION.

REFERENCES:

- REFERENCE IS MADE TO A TOPOGRAPHIC SURVEY COMPLETED BY ABRAHAM LAND SURVEYING, LLC DATED MAY 1, 2021.
- REFERENCE IS MADE TO AN UNITED STATES ARMY CORPS OF ENGINEERS (USACE) REQUEST FOR JURISDICTIONAL DETERMINATION PREPARED BY S&ME, INC. (PROJECT NO. 211857) DATED MAY 13, 2021.
- ALL COORDINATES DEPICTED ARE SOUTH CAROLINA STATE PLANE COORDINATES, NAD 83 AND NAVD 88.

DEVELOPER INFORMATION

OWNER: NEWBERRY COUNTY ECONOMIC DEVELOPMENT
CONTACT: MR. RICK FARMER, SCED, ECONOMIC DEVELOPMENT DIRECTOR
ADDRESS: POST OFFICE BOX 381
CITY, STATE: NEWBERRY, SOUTH CAROLINA 29108
TELEPHONE: (803) 321-2042
FAX: (803) 321-2094
EMAIL: RFARMER@NEWBERRYCOUNTY.NET



CONSTRUCTION SEQUENCE - PHASE I INITIAL LAND DISTURBANCE

- RECEIVE LAND DISTURBANCE PERMIT FROM NEWBERRY COUNTY AND SCDES.
- NOTIFY SCDES REGIONAL OFFICE AND NEWBERRY COUNTY PLANNING AND ZONING 48 HOURS PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- PRE-CONSTRUCTION MEETING WILL BE HELD ON SITE WITH THE NEWBERRY COUNTY REPRESENTATIVE, SCDES REPRESENTATIVE, OWNER AND CONTRACTOR TO DISCUSS THE MEASURES AND HOW TO FOLLOW THE SWPPP STANDARDS BEFORE WORK BEGINS.
- CLEARING AND GRUBBING AS NECESSARY ALONG THE LIMITS OF DISTURBANCE FOR INSTALLATION OF PERIMETER CONTROLS, TEMPORARY SEDIMENT CONTROL MEASURES, AND BEST MANAGEMENT PRACTICES (BMPs). (CONSTRUCTION ENTRANCE, SILT FENCE, DIVERSION SWALES, ROCK CHECK DAMS SEDIMENT BASINS WITH OUTLET MEASURES AND RIP-RAP) AS SHOWN ON C4.0, C4.1 AND C4.2.
- MATERIAL REMOVED FROM BASIN AND SLOPE SUITABLE FOR STRUCTURAL FILL WILL BE PLACED ON THE PROPOSED BUILDING AREA AS NOTED DURING CONSTRUCTION OF PHASE I MEASURES.
- WHEN PERIMETER CONTROLS AND WATER QUALITY MEASURES HAVE BEEN INSTALLED, CONTINUE TO PHASE II EROSION AND SEDIMENT CONTROL SHEET C4.1.
- MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES FOR THE EXTENT OF THE PROJECT.

REVISION DATE

APPROVALS

ENGINEER: RSW

DESIGNER: JAM

TECHNICAL: JAM

CHECKED BY: RMC/DWS

APPROVED: RSW

ALLIANCE CONSULTING ENGINEERS, Inc. No. 002854

DATE: 6/15/26

PHASE I EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1" = 100'

DATE: JULY 2021

PROJECT: ± 300,000-SF BUILDING PAD ± 36-ACRE PARCEL 6 ± 463-ACRE MID-CAROLINA COMMERCE PARK IN UNINCORPORATED NEWBERRY COUNTY, SOUTH CAROLINA

FILE NAME: C4.0.DWG

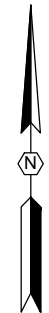
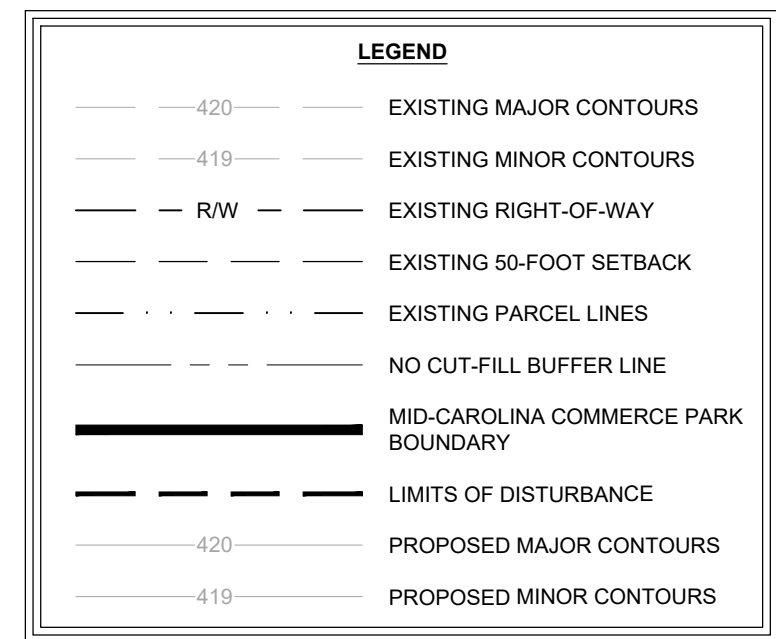
REFERENCE FILE: BASE.DWG

PROJECT NO: 21114-0036

SHEET C4.0

DWG NO. 01,I476-D25

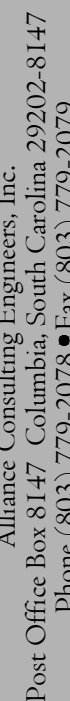
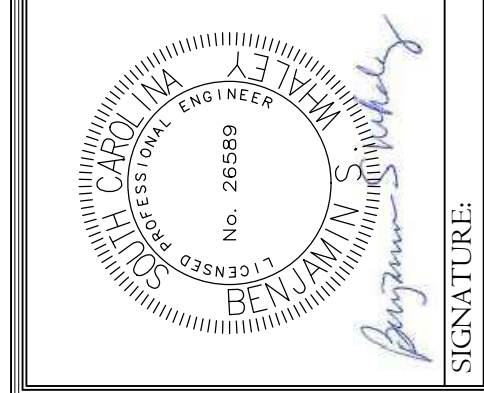
July 21 2026 - 10:47:48 AM S:\Projects\21114-0036 Bldg Pad Parcel 6 Mid-Carolina Comm Pk Newberry Coldrum\Construction Plans\C4.0.4.2 - ESC Bldg Plan.dwg



1. CAD FILES WILL BE PROVIDED TO CONTRACTOR FOR USE WITH CONSTRUCTION STAKING.
2. AS-BUILT SURVEY TO BE COMPLETED AT THE EXPENSE OF THE CONTRACTOR BY A LICENSED SURVEYOR UPON PROJECT COMPLETION.

1. REFERENCE IS MADE TO A TOPOGRAPHIC SURVEY COMPLETED BY ABRAHAM LAND SURVEYING, LLC DATED MAY 1, 2021.
2. REFERENCE IS MADE TO AN UNITED STATES ARMY CORPS OF ENGINEERS (USACE) REQUEST FOR JURISDICTIONAL DETERMINATION PREPARED BY S&ME, INC. (PROJECT NO. 211857) DATED MAY 13, 2021.
3. ALL COORDINATES DEPICTED ARE SOUTH CAROLINA STATE PLANE COORDINATES, NAD 83 AND NAVD 88.

OWNER: NEWBERRY COUNTY ECONOMIC DEVELOPMENT
CONTACT: MR. RICK FARMER, SCCED, ECONOMIC DEVELOPMENT DIRECTOR
ADDRESS: POST OFFICE BOX 381
CITY, STATE: NEWBERRY, SOUTH CAROLINA 29108
TELEPHONE: (803) 321-2042
FAX: (803) 321-2094
EMAIL: RFARMER@NEWBERRYCOUNTY.NET



PHASE II EROSION AND SEDIMENT CONTROL PLAN

± 300,000-SF BUILDING PAD
± 36-ACRE PARCEL 6
± 463-ACRE MID-CAROLINA
COMMERCE PARK
IN UNINCORPORATED
NEWBERRY COUNTY,
SOUTH CAROLINA

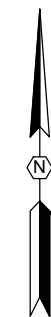
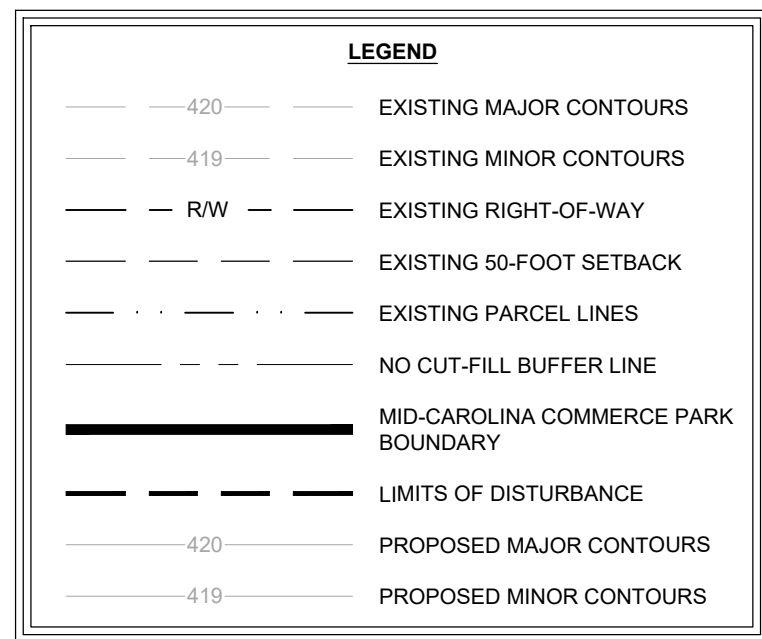
FILE NAME:	C4.I.DWG
REFERENCE FILE:	BASE.DWG
PROJECT NO.	21114-0036

SHEET
C4.1

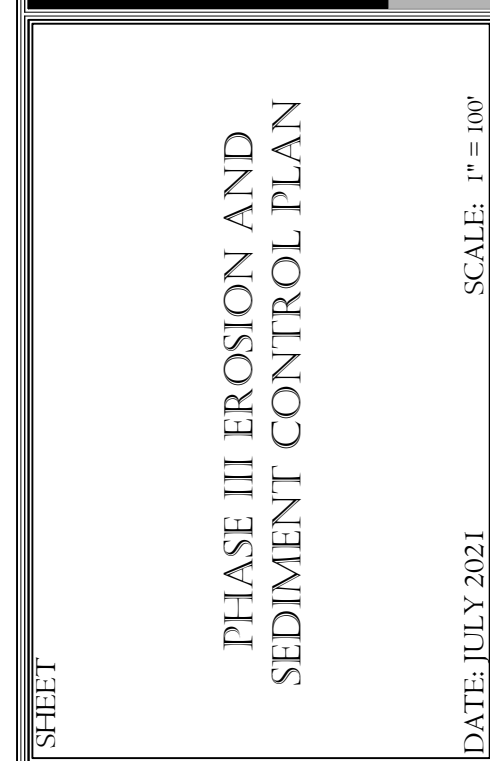
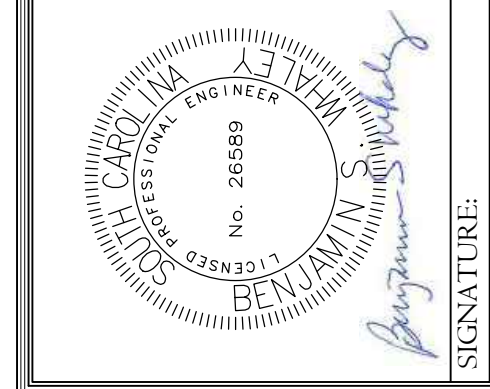
DWG NO. 01,I476-D25

1. ONCE THE PERIMETER CONTROLS AND WATER QUALITY HAVE BEEN COMPLETED AS NOTED IN PHASE I, BEGIN FINE GRADING AND CONSTRUCTION OF THE PAD AS NOTED BELOW.
2. INSTALL SILT FENCE AT STOCKPILE AREA PER SDOES DETAIL.
3. ROUGH GRADE PAD AREA.
4. INSTALL STORM DRAINAGE (SWALES AND PIPING) IN RELATION TO FINISH GRADES.
5. INSTALL EROSION CONTROL MATTING ON SLOPES TO BEGIN STABILIZATION. INSTALL SWALE LININGS AFTER THE SWALES HAVE BEEN FINE GRADED.
6. TEMPORARY GRASSING AREAS TO BE INSTALLED AS NECESSARY TO MAINTAIN A STABLE SITE.
7. MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES FOR THE EXTENT OF THE PROJECT.

July 20 2026 - 1:08:22 PM S:\Projects\21114-0036 Bldg Pad Parcel 6 Mid-Carolina Comm Pk Newberry, Cldwn\Construction Plans\C4.0.4.2 - ESC Plan.dwg



<u>DEVELOPER INFORMATION</u>	
OWNER:	NEWBERRY COUNTY ECONOMIC DEVELOPMENT
CONTACT:	MR. RICK FARMER, SCCED, ECONOMIC DEVELOPMENT DIRECTOR
ADDRESS:	POST OFFICE BOX 381
CITY, STATE:	NEWBERRY, SOUTH CAROLINA 29108
TELEPHONE:	(803) 321-2042
FAX:	(803) 321-2094
EMAIL:	RFARMER@NEWBERRYCOUNTY.NET

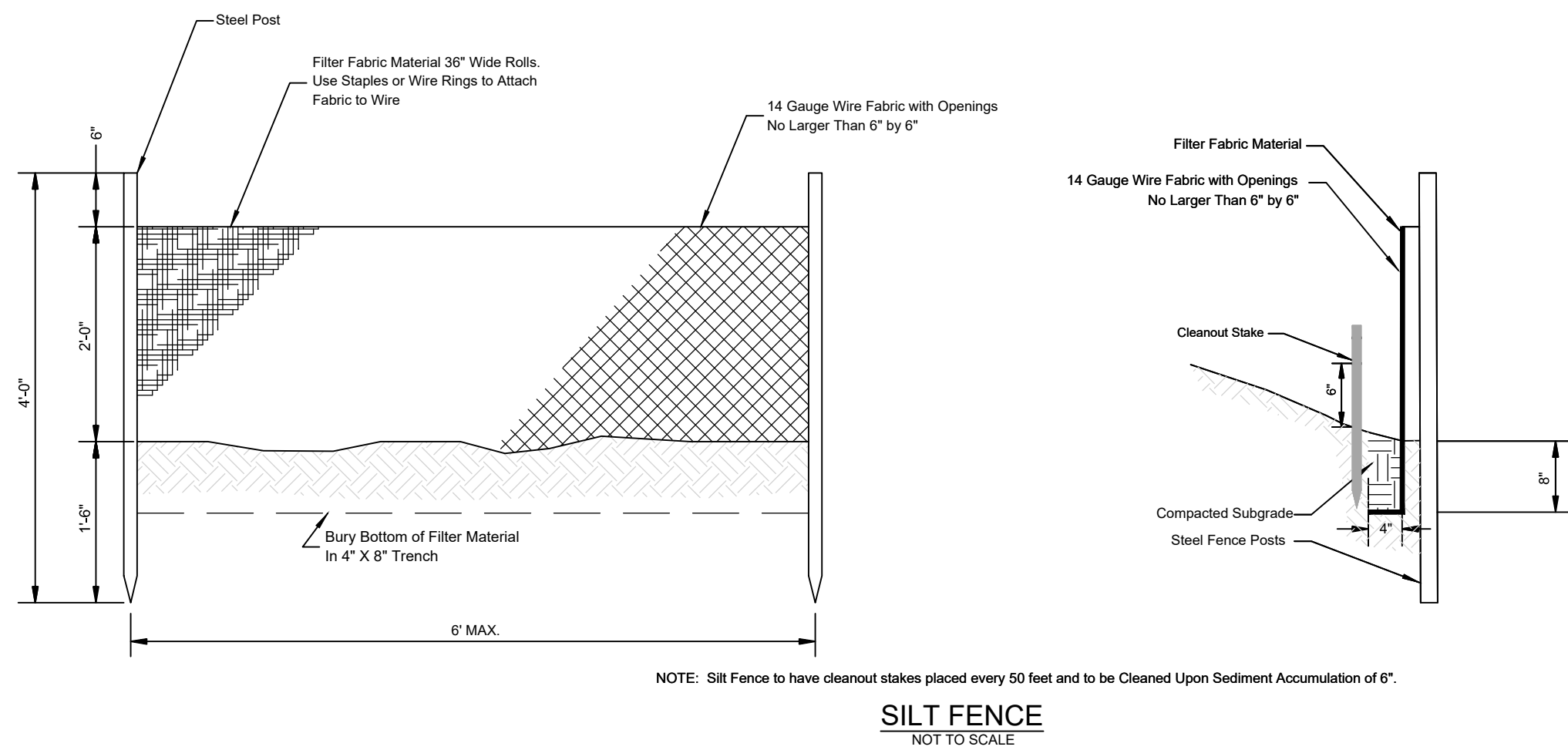
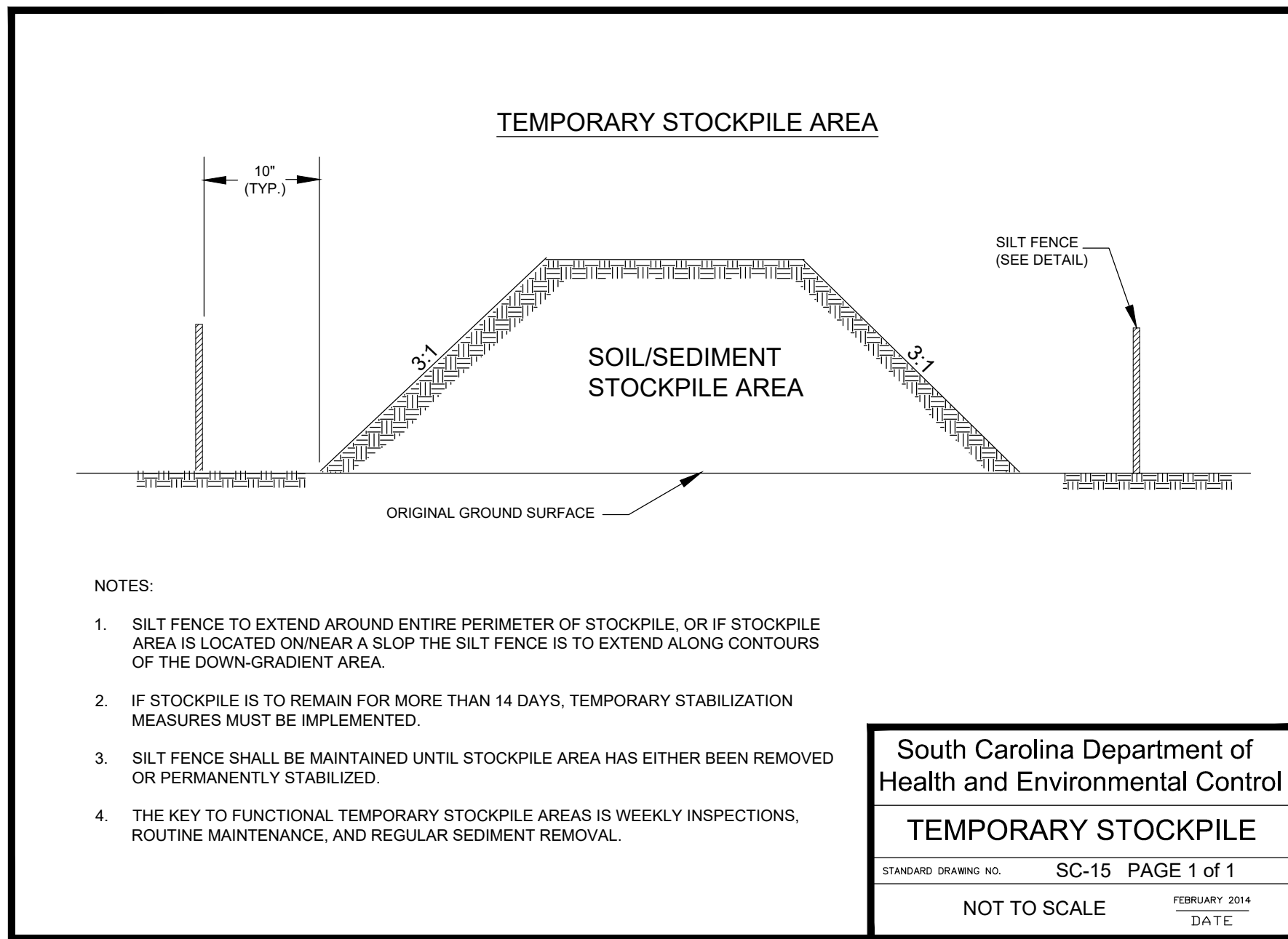


FILE NAME: C4.2.DWG	SHEET C4.2
REFERENCE FILE: BASE.DWG	
PROJECT NO. 21114-0036	

CONSTRUCTION SEQUENCE - PHASE III - STABILIZATION

1. NOW THAT THE SITE HAS BEEN COMPLETELY GRADED PER THE PLANS, SITE STABILIZATION WILL BEGIN.
2. INSTALL REMAINING RIP-RAP AND FILTER FABRIC AT OUTLET PIPING ON THE SITE.
3. INSTALL SLOPE LINING AND ANY SLOPE MATTING THAT WAS NOT INSTALLED AS PART OF PHASE I AND II.
4. COMPLETE FINE GRADING AROUND THE SITE AFTER CONSTRUCTION IS COMPLETED.
5. PREPARE SOIL AND INSTALL PERMANENT GRASSING AND MULCHING FOR FINAL STABILIZATION.
6. MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES FOR THE EXTENT OF THE PROJECT.
7. ONCE THE SITE STABILIZES, INCLUDING THE STOCKPILE AREA, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER ENTIRE AREA DRAINING TO THE STRUCTURE IS FINALLY STABILIZED (SCDES RECOMMENDS THAT THE PROJECT OWNER/OPERATOR HAVE THE SWPPP PREPARER (IF APPLICABLE) OR REGISTRATION EQUIVALENT APPROVE THE REMOVAL OF THE TEMPORARY STRUCTURES, OUTLET DEVICES, AND THE SKIMMER FOR THE OUTLET STRUCTURE IN EACH BASIN AS SHOWN ON FINAL GRADING SHEETS). REMOVE THE EROSION AND SEDIMENT CONTROL STRUCTURES TO ENSURE PROPER FLOW, CLEAN ALL SEDIMENT FROM THE BASINS, CUT THE LOW FLOW CHANNEL IN THE BOTTOM TO DIRECT LOW FLOW IN THE BASIN TO THE OUTLET. THE SILT FENCE BELOW THE STRUCTURES WILL REMAIN IN UNTIL THE BACKFILLED BASINS ARE STABLE WITH GRASS.
8. ONCE THE BASIN OR TRAP AREAS ARE STABLE, REMOVE THE FINAL SILT FENCE AND GRASS THESE AREAS TO FINALIZE THE COMPLETE STABILIZATION OF THE SITES.
9. AS-BUILT DATA TO BE SUBMITTED TO ALLIANCE CONSULTING ENGINEERS, INC. FOR SUBMITTAL OF NOTICE OF TERMINATION (NOT) AND AS-BUILT RECORD DRAWINGS TO SCDES.

DWG NO. 01,I476-D25



Materials

Steel Posts

Use 48-inch long steel posts that meet the following minimum physical requirements:

Composed of high strength steel with a minimum yield strength of 50,000 psi

Have a standard "T" section with a nominal face wide of 1.38-inches and nominal "T" length of 1.48-inches. Weight of 1.25 pounds per foot ($\pm 8\%$)

Have a soil stabilization plate with a minimum cross section area of 17-square inches attached to the steel posts
Painted with a water based baked enamel paint

Use steel posts with a minimum length of 4-feet, weighing 1.25 pounds per linear foot ($\pm 8\%$) with projections to aid in fastening the fabric. Except when heavy clay soils are present on site, steel posts will have a metal soil stabilization plate welded near the bottom such that when the post is driven to the proper depth, the plate will be below the ground level for added stability

The soil plates should have the following characteristics:

- Be composed of minimum 15 gauge steel
- Have a minimum cross section area of 17-square inches

Geotextile Filter Fabric

Filter fabric is

Composed of fibets consisting of long chain synthetic polymers composed of at least 85% by weight of polyolefins, polyesters, or polyamides. Formed into a network such that the filaments or yarns retain dimensional stability relative to each other. Free of any treatment or coating which might adversely alter its physical properties after installation. Free of defects or flaws that significantly affect its physical and/or filtering properties. Cut to a minimum width of 36 inches.

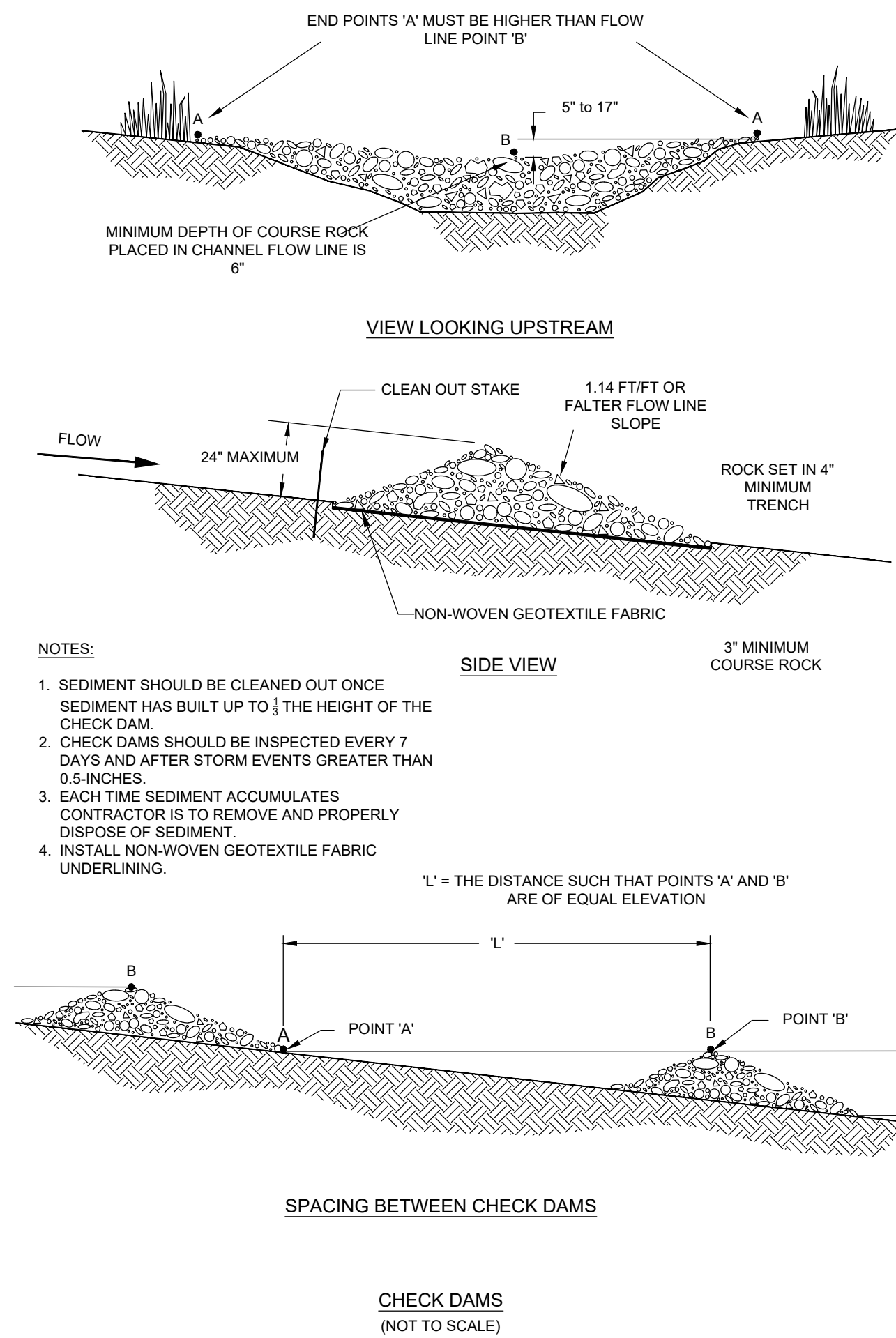
Use only fabric appearing on SCDOT Approval Sheet #34 meeting the requirements of the most current edition of the SCDOT Standard Specifications for Highway Construction

Installation

Excavate a trench approximately 6-inches wide and 6-inches deep when placing fabric by hand. Place 12-inches of geotextile fabric into the 6-inch deep trench, extending the remaining 6-inches towards the upslope side of the trench. Backfill the trench with soil or gravel and compact. Bury 12-inches of fabric into the ground when pneumatically installing silt fence with a slicing method. Purchase fabric in continuous rolls and cut to the length of the trench. Lay fabric into the trench with the upslope side of the fabric facing the trench. Lay fabric into the trench with a minimum overlap. Install posts to a minimum depth of 24-inches. Install posts a minimum of 1-to 2- inches above the fabric, with no more than 3-feet of the post above the ground. Space posts to maximum 6-feet centers. Attach fabric to wood posts using staples made of heavy-duty wire at least 1/2-inch long, spaced a maximum of 6-inches apart. Staple a 2-inch wide lattice over the filler fabric to securely fasten it to the upslope side of the trench. The lattice should be made of 2x4's or 2x6's. The lattice should be placed over the fabric and the trench should be backfilled with soil or gravel. The lattice should be placed over the fabric. In call cases, ties should be affixed to no less than 4 places. Install the fabric a minimum of 24-inches above the ground. When necessary, the height of the fence above ground may be greater than 24-inches. In tidal areas, extra silt fence height may be required. The post height will be twice the exposed post height. Post spacing will remain the same and extra height fabric will be 4-, 5-, or 6-foot tall. Locate silt fence checks every 100 feet. The fence should be checked for proper installation, proper construction of flow and place the fence the proper distance from the top of steep slopes provide sediment storage and access for maintenance and cleanup.

Inspection and Maintenance

Inspect every seven calendar days. Check for sediment buildup and fence integrity. Check where runoff has eroded a channel beneath the fence, or where the fence has sagged or collapsed by fence overlapping. If the fence fabric tears, begins to decompose, or in any way becomes ineffective, replace the section of fence immediately. Remove sediment accumulated along the fence when it reaches 1/3 the height of the fence, especially if heavy rains are expected. Remove trapped sediment from the site or stabilize it on site. Remove silt fence within 30 days after final stabilization is achieved or after temporary best management practices (BMPs) are no longer needed. Permanently stabilize disturbed areas resulting from fence removal.



Sediment and Erosion Control Notes

Standard Notes:

- If necessary, slopes, which exceed eight (8) vertical feet should be stabilized with synthetic or vegetative mats, in addition to hydroseeding. It may be necessary to install temporary slope drains during construction. Temporary berms may be needed until the slopes are brought to grade.
2. Temporary stabilization should be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than fourteen (14) days after work has ceased, except as stated below.
 - Where stabilization by the 14th day is precluded by snow cover or frozen ground conditions, stabilization measures must be initiated as soon as the ground thaws.
 - Where construction activity on a portion of the Site is temporarily ceased, and earth-disturbing activities will be resumed within fourteen (14) days, temporary stabilization measures do not have to be initiated on that portion of the Site.
- All sediment and erosion control devices shall be inspected every seven (7) days. If site conditions significantly impede inspection, or if any damage to or impairment of effectiveness must be performed as soon as practical or as reasonably possible and before the next storm event whenever practicable.
- Provide silt fence and/or other control devices, as may be required, to control soil erosion during utility construction. All disturbed areas shall be cleaned, graded, and stabilized with vegetation immediately after construction activities are completed and effectively maintained at the end of each day are recommended. If water is encountered while trenching, the water should be filtered to remove any sediments before being pumped back into any waters of the State.
5. All erosion control devices shall be properly maintained during all phases of construction until completion of all construction activities and all disturbed areas have been stabilized. Additional control devices may be required during construction in order to control erosion and/or offsite sedimentation. All temporary control devices shall be removed once construction is complete and the site is stabilized.
- The contractor must take necessary action to minimize the tracking of mud onto paved roadways or from construction areas to adjacent areas of ground cover. The contractor shall daily remove mud/silt from pavement, as may be required.
7. Residential subdivisions require erosion control features for infrastructure as well as for individual lot construction. Individual property owners shall follow these plans during construction to obtain approval of an individual plan in accordance with S.C Reg. 72-300 g, set 1, SCR10000.
8. Temporary diversion berms and/or ditches will be provided as needed during construction to protect work areas from upflow runoff and/or to divert sediment-laden water to appropriate traps or stable outlets.
9. Waters of the State (WoS), including wetlands, are to be flagged or otherwise clearly marked and protected. A stable silt fence is to be installed in all areas where a 50-foot buffer can't be maintained between the disturbed area and all WoS. A 10-foot buffer should be maintained between the last row of silt fence and all WoS.
10. Litter, construction debris, oils, fuels, and building products with significant potential for impact, such as stockpiles of freshly treated lumber) and construction chemicals that could be subject to storm water must be prevented from a pollutant source in storm water discharges.

Additional Notes:

- A. Install permanent vegetative cover and the long-term erosion protection measures or structures as soon as practical in the development process.
- B. Provide for handling the increased runoff caused by changed soil and surface conditions. Use effective means to conserve existing on-site soil including the use of diversion ditches, grassed waterways and silt fences.
- C. Place silt fence barriers at locations shown on plan. Silt barriers shall be maintained in place and in good condition until ground cover is established.
- D. All disturbed areas not paved shall be grassed. Use temporary plant cover, mulching, and/or structures to control runoff and protect areas subject to erosion during construction.
- E. Sediment ponds are to be excavated to original grades upon the accumulation of 1.5' on sediment stake placed at outlet.
- F. Provide a temporary stone splash pad at all fire hydrants or other points if discharge during testing of the water distribution system.
- G. Should Permanent Grassing requirements conflict with Landscape Plans, Landscape Plans supersede Permanent Grassing requirements.

Grassing Specifications:

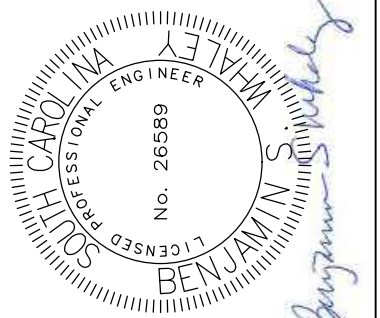
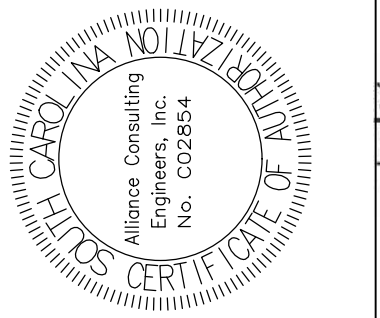
- A. All seed mixtures for the various seeding schedules shall be weighed and mixed to the proper proportions in the presence of the owner or the owner's representative.

PERMANENT SEEDING		
Planting Dates	Maintained Truf (high Profile Lawn/Landscaped Areas)	Variety
April 1 - September 15	Bermuda Triangle Blend by Pennington Seed, Inc.	Application Rate 120 LBS/ACRE
Planting Dates	Slopes 4:1-V or Greater	Variety
April 1 - September 15	Slopemaster Spring/Summer Mix by Pennington Seeding, Inc.	75 LBS/ACRE
	Slopemaster Spring/Summer Mix Composition: 30% Huffel Sahara Bermudagrass (Cynodon dactylon) 30% Unhuffed Sahara Bermudagrass (Cynodon dactylon) 15% Durana White Crow (Trifolium repens) 10% Brown Top Millet (Urochloa repens) 15% Weeping Lovegrass (Eragrostis curvata (Schrad.) Nees)	
September 16 - March 31	Slopemaster Fall/Winter Mix by Pennington Seed, Inc.	100 LBS/ACRE
	Slopemaster Fall/Winter Mix Composition: 25% Unhuffed Sericea Lespedeza (Lespedeza cuneata) 20% Unhuffed Sahara Bermudagrass (Cynodon dactylon) 20% Greystone Tall Fescue (Schedonorus annandaeus) 10% Durana White Crow (Trifolium repens) 10% Rye Grass (Lolium multiflorum) 5% Weeping Lovegrass (Eragrostis curvata (Schrad.) Nees)	
Planting Dates	Slopes 4:1-V or Less	Variety
April 1 - September 15	Huffel Sahara Bermudagrass	Application Rate 75 LBS/ACRE
September 16 - March 31	Huffel Sahara Bermudagrass	75 LBS/ACRE

*Contact - Pennington Seed, Inc. - 1226 Eden Street, Columbia, SC 29201 - (803) 771-4222

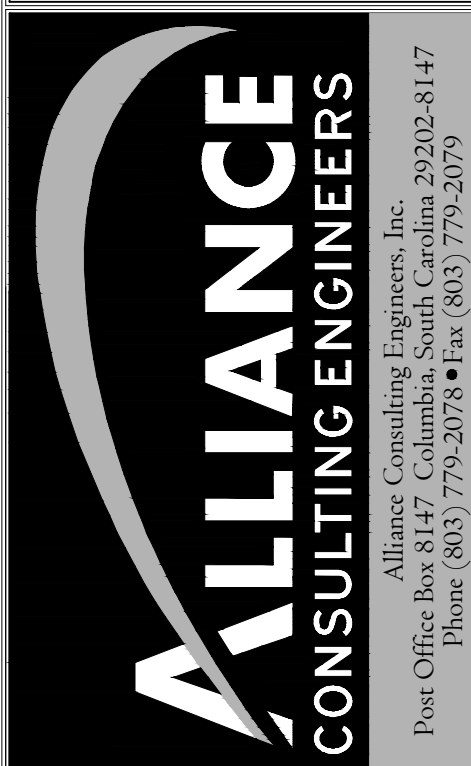
- B. Double seed all grassed swales, water ways, and embankments from top of bank to bottom of bank on all bank slopes less than 3:1.

    	REVISION		DATE	
APPROVALS	ENGINEER	TECHNICIAN	CHECKED BY	APPROVED
RSW	JAM	JAM	KMC/NMD	RSW



DATE: 10/15/26

SIGNATURE:



Phone (803) 779-2078 • Fax (803) 779-2079

SHEET

PROJECT

EROSION & SEDIMENT
CONTROL DETAILS
(SHEET 2 OF 4)

300,000-SF BUILDING PAD
± 36-ACRE PARCEL 6
463-ACRE MID-CAROLINA
COMMERCE PARK
IN UNINCORPORATED
NEWBERRY COUNTY,
SOUTH CAROLINA

DATE: JULY 2021

SOUTH CAROLINA

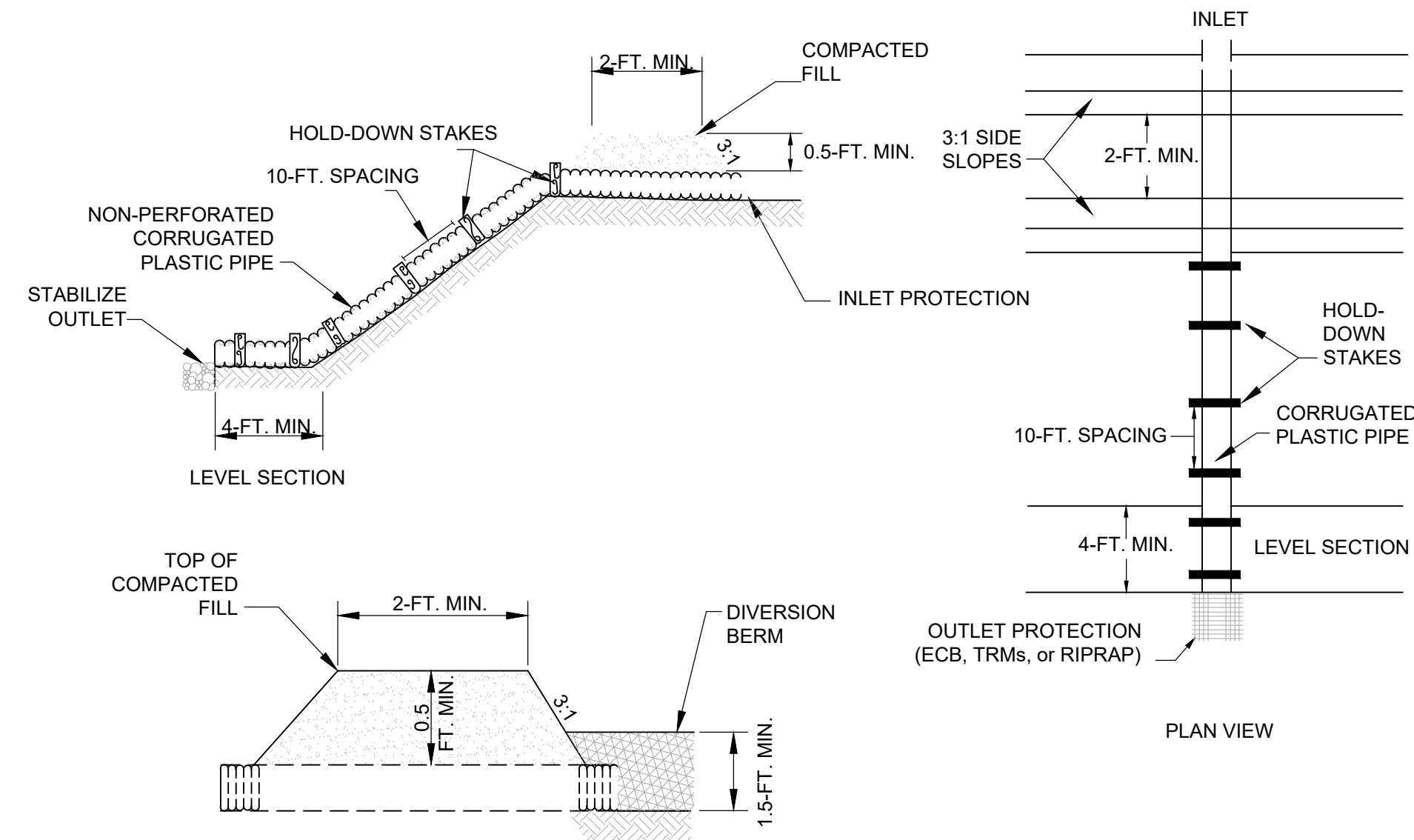
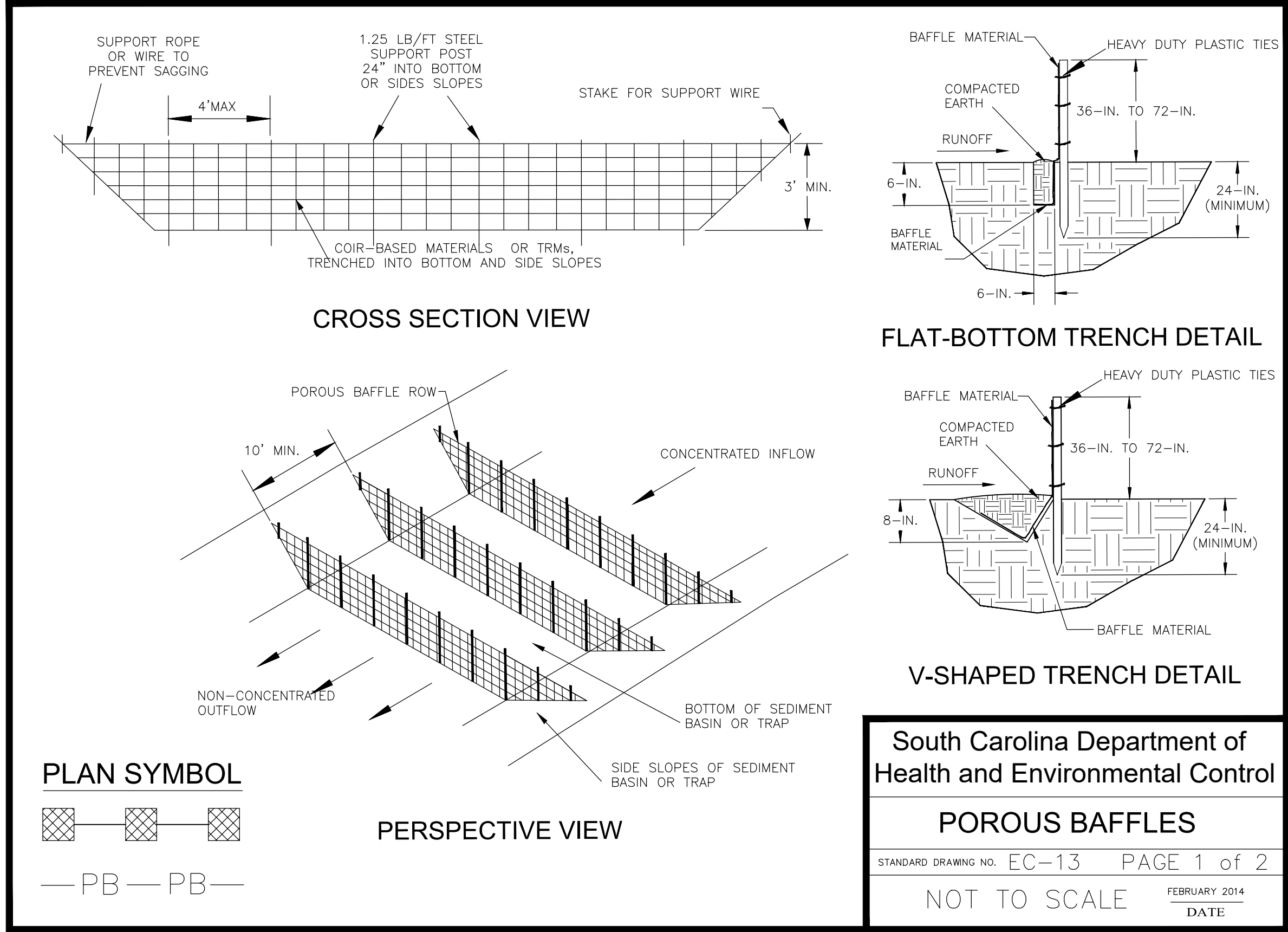
NEWBERRY COUNTY

FILE NAME:	C5.0.DWG
REFERENCE FILE:	BASE.DWG
PROJECT NO.	21114-0036

SHEET
C5.1

DWG NO. 01,I476-D25

THIS DOCUMENT IS THE PROPERTY OF ALLIANCE CONSULTING ENGINEERS, INC. IT IS NOT TO BE REPRODUCED, COPIED, OR OTHERWISE USED WITHOUT THE WRITTEN PERMISSION OF ALLIANCE CONSULTING ENGINEERS, INC. THE DRAWING IS INTENDED SPECIFICALLY FOR THE PROJECT REFERENCED HEREIN AND IS NOT TRANSFERABLE TO ANY OTHER PROJECT.



PIPE SLOPE DRAIN

WHEN AND WHERE TO USE IT

PIPE SLOPE DRAINS ARE USED WHEN IT IS NECESSARY FOR WATER TO FLOW DOWN A SLOPE WITHOUT CAUSING EROSION, ESPECIALLY BEFORE A SLOPE HAS BEEN STABILIZED OR BEFORE PERMANENT DRAINAGE STRUCTURES ARE INSTALLED.

INSTALLATION:

TYPICAL PIPE SLOPE DRAINS ARE MADE OF NON-PERFORATED CORRUGATED PLASTIC PIPE.

SLOPE DRAIN SECTIONS SHOULD BE SECURELY FASTENED TOGETHER, HAVE GASKET WATERTIGHT FITTINGS, AND BE SECURELY ANCHORED INTO THE SOIL.

DIVERSION BERMS OR DIKES SHOULD DIRECT RUNOFF TO SLOPE DRAINS. THE MINIMUM DEPTH OF THESE DIKES OR BERMS SHOULD BE 1.5-Feet. THE HEIGHT OF THE BERM AROUND THE PIPE INLET SHOULD BE A MINIMUM OF 1.5-Feet HIGH AND AT LEAST 0.5-Feet HIGHER THAN THE TOP OF THE PIPE. THE BERM AT THE PIPE INLET SHALL BE COMPACTED AROUND THE PIPE. THE AREA AROUND THE INLET SHALL BE PROPERLY STABILIZED WITH ECBS, TRMS, RIPRAP OR OTHER APPLICABLE STABILIZATION TECHNIQUES.

THE AREA BELOW THE OUTLET MUST BE PROPERLY STABILIZED WITH ECBS, TRMS, RIPRAP OR OTHER APPLICABLE STABILIZATION TECHNIQUE.

IF THE PIPE SLOPE DRAIN IS CONVEYING SEDIMENT-LADEN WATER, DIRECT ALL FLOWS INTO THE SEDIMENT TRAPPING FACILITY.

PERMANENT SLOPE DRAINS SHOULD BE BURIED BENEATH THE SOIL SURFACE A MINIMUM 1.5-Feet.

INSPECTION AND MAINTENANCE:

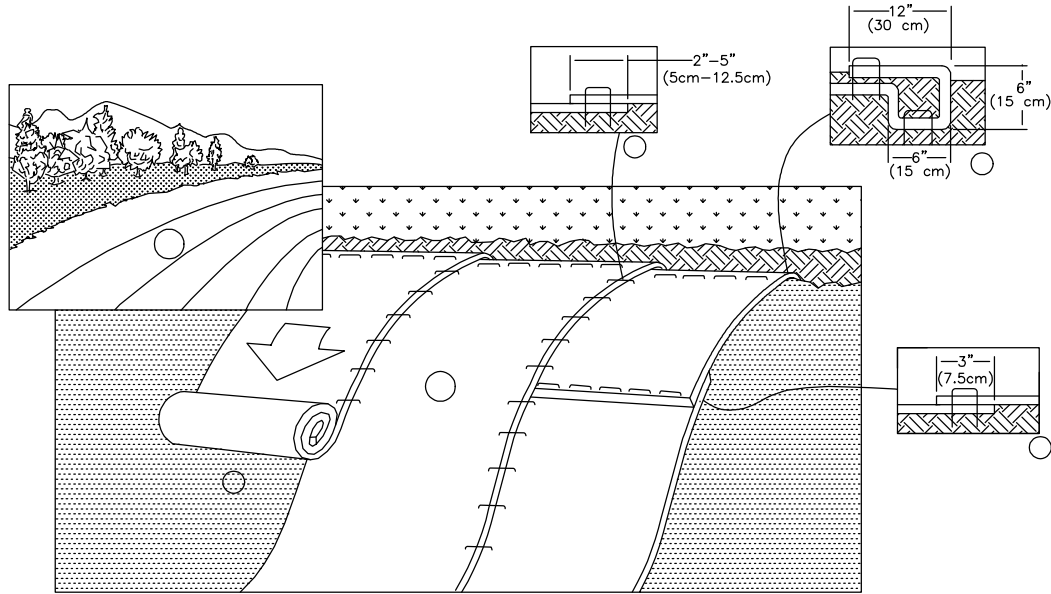
INSPECT PIPE SLOPE DRAIN INLET AND OUTLET POINTS EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/8-INCHES OR MORE OF PRECIPITATION.

THE INLET SHOULD BE FREE FROM UNDERCUTTING, AND NO WATER SHOULD BE GOING AROUND THE POINT OF ENTRY. IF THERE ARE PROBLEMS, THE HEADWALL SHOULD BE REINFORCED WITH COMPACTED EARTH OR SANDBAGS. THE OUTLET POINT SHOULD BE FREE OF EROSION AND INSTALLED WITH APPROPRIATE OUTLET PROTECTION.

ALL TEMPORARY PIPE SLOPE DRAINS SHOULD BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMP IS NO LONGER NEEDED. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHOULD BE PERMANENTLY STABILIZED.

PIPE SLOPE DRAIN

(SCDHEC DETAIL RC-01, pg 2 of 2)



1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
NOTE: WHEN USING CELL-0-SEED DO NOT SEED PREPARED AREA. CELL-0-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP's IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF RECP's EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP's WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND TOLD REMAINING 12" (30 CM) PORTION OF RECP's BACK OVER SEED AND COMPACTED SOIL. SECURE RECP's OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP's.
3. ROLL THE RECP's (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECP's WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP's MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP's MUST BE STAPLED WITH APPROXIMATELY 2" - 5" (5 CM - 12.5 CM) OVERLAP DEPENDING ON RECP's TYPE.
5. CONSECUTIVE RECP's SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP's WIDTH.
NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP's.

EROSION CONTROL BLANKET INSPECTION AND MAINTENANCE

Inspect areas protected by ECBs for dislocation or failure every 7 calendar days.

Conduct regular inspections until grasses are firmly established.

Adhere to the pinning or stapling pattern as shown on the Manufacturer's installation sheet. If there is evidence that the ECB is not securely fastened to the soil, require extra pins or staples to inhibit the ECB from becoming dislodged.

If washout or breakage occurs, repair all damaged areas immediately by restoring the soil on slopes or channels to its finished grade, re-apply fertilizer and seed, and replacing the appropriate ECB material as needed.

DOZER TREADS CREATE CLEAT IMPRINTS PARALLEL TO THE SLOPE CONTOUR

SHOULD BE SEEDED AND STABILIZED IMMEDIATELY.

TRACKING

(SCDHEC DETAIL EC-01)

NOT TO SCALE

July 09, 2026 - 3:45:46 PM S:\Project\2114-0036 Bldg Pad Parcel 6 Mid-Carolina Comm Pl Newberry County\Construction Plans\CS-0-0-3 ESC Details.dwg

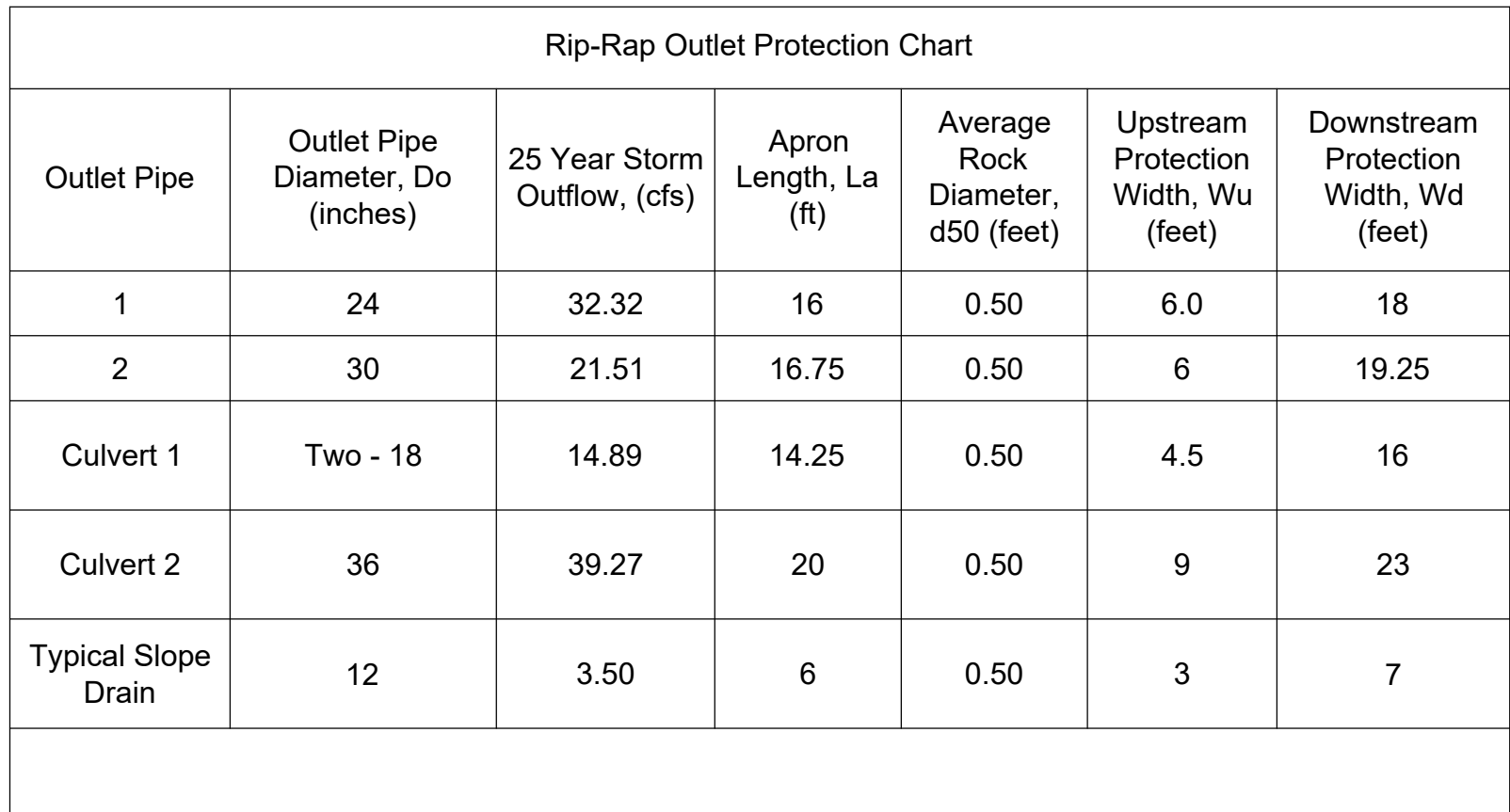
CS-0.DWG

REVISION DATE	APPROVALS	ENGINEER ISW	DESIGNER JAM	TECHNICAL JAM	CHECKED BY KMC/DMS	APPROVED ISW
FILE NAME: C5.0.DWG	REFERENCE FILE: BASE.DWG	PROJECT NO: 21114-0036	SHEET C5.2			
DWG NO. 01,I476-D25						

PROJECT	300,000-SF BUILDING PAD ± 36-ACRE PARCEL 6 ± 463-ACRE MID-CAROLINA COMMERCE PARK IN UNINCORPORATED NEWBERRY COUNTY, SOUTH CAROLINA	DATE: JULY 2021	SCALE: AS SHOWN
EROSION & SEDIMENT CONTROL DETAILS (SHEET 3 OF 4)			
SOUTH CAROLINA NEWBERRY COUNTY			

ALLIANCE CONSULTING ENGINEERS	Alliance Consulting Engineers, Inc. Post Office Box 8147 Columbia, South Carolina 29202-8147 Phone: (803) 779-2078 • Fax: (803) 779-2079
----------------------------------	--

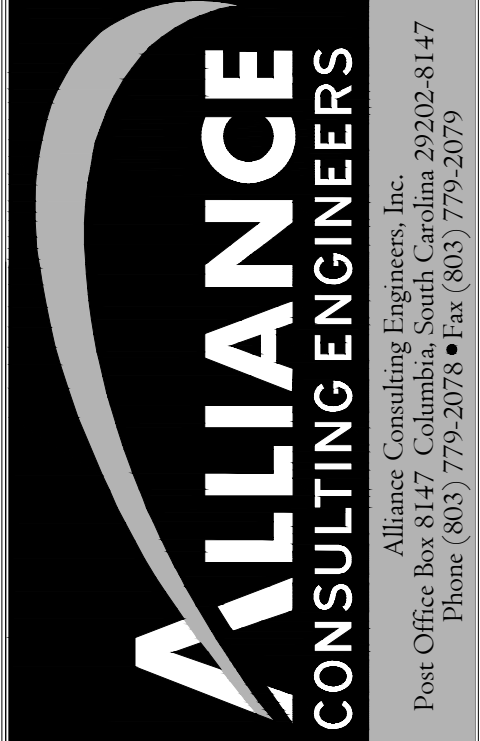
DATE: 6/15/26	SIGNATURE: Benjamin Smith
---------------	---------------------------



OUTLET PROTECTION SIZING CHART

- # **POST-CONSTRUCTION MAINTENANCE PLAN**
- GRASS AROUND AND IN DETENTION BASIN WILL BE MOWED BI-WEEKLY.
 - TREES WILL BE REMOVED FROM WITHIN THE DETENTION BASIN BI-MONTHLY.
 - TRASH WILL BE REMOVED FROM WITHIN AND AROUND THE DETENTION BASIN MONTHLY.
 - OUTLET STRUCTURES AND/OR PIPES WILL BE CLEANED AND REPAIRED BI-WEEKLY.
 - SEDIMENT ACCUMULATION TO BE REMOVED FROM DETENTION BASIN AFTER 4-INCHES OF BUILDUP OR ONCE A YEAR, WHICHEVER COMES FIRST.
 - DETENTION BASIN BOTTOM TO BE REGRADED TOWARDS OUTLET STRUCTURES AFTER SEDIMENTATION REMOVAL OR WHEN NECESSARY UPON MONTHLY INSPECTIONS.
 - DISCHARGE POINT TO BE CLEANED, CLEARED AND REPAIRED AS NECESSARY UPON MONTHLY INSPECTIONS.
 - EMERGENCY SPILLWAY TO BE CLEANED AND REPAIRED WHEN NECESSARY UPON MONTHLY INSPECTION.
 - EROSION ON SIDE SLOPES OF DETENTION BASIN AND/OR EMERGENCY SPILLWAYS TO BE REGRADED AS NECESSARY UPON MONTHLY INSPECTION.

A circular professional engineer seal for the State of South Carolina. The outer ring contains the text "SOUTH CAROLINA" at the top and "BENJAMIN S. WHALEY" at the bottom. The inner ring contains the text "LICENSED PROFESSIONAL ENGINEER". In the center of the seal is the license number "No. 26389". A handwritten signature, "Benjamin S. Whaley", is written across the right side of the seal.



SHEET

EROSION & SEDIMENT
CONTROL DETAILS
(SHEET 4 OF 4)

DATE: JULY 2021

SCALE: AS SHOWN

PROJECT	± 300,000-SF BUILDING PAD ± 36-ACRE PARCEL 6 ± 46.3-ACRE MID-CAROLINA COMMERCE PARK IN UNINCORPORATED NEWBERRY COUNTY, SOUTH CAROLINA	NEWBERRY COUNTY SOUTH CAROLINA
---------	--	---

FILE NAME: C5.0.DWG	SHEET C5.3
REFERENCE FILE: BASE.DWG	
PROJECT NO. 21114-0036	